

## EAST Search History

| Ref # | Hits | Search Query          | DBs                              | Default Operator | Plurals | Time Stamp          |
|-------|------|-----------------------|----------------------------------|------------------|---------|---------------------|
| S1    | 860  | 362/330,334,333.ccls. | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/10/12<br>11:17 |
| S2    | 110  | "5806965"             | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/10/12<br>11:17 |
| S3    | 4    | "6857767"             | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/10/12<br>11:17 |
| S4    | 10   | "6708501"             | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/10/12<br>11:18 |
| S5    | 29   | "4435732"             | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/10/12<br>11:19 |
| S6    | 26   | "5296724"             | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/10/12<br>11:19 |
| S7    | 14   | "3586959"             | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/10/12<br>11:19 |
| S8    | 13   | "6536923"             | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/10/12<br>11:20 |
| S9    | 11   | "6367950"             | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/10/12<br>11:20 |
| S10   | 10   | "6273596"             | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/10/12<br>11:21 |
| S11   | 50   | "6328456"             | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/10/12<br>11:22 |

|     |     |  |                                  |    |    |                     |
|-----|-----|--|----------------------------------|----|----|---------------------|
| S12 | 56  | ("4967330"   "5289082"  <br>"5865529"   "5897195"  <br>"5947588").PN. OR<br>("6328456").URPN.  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/20<br>14:00 |
| S13 | 60  | ("0687848"   "1420977"  <br>"1433292"   "1621224"  <br>"1794839"   "1799290"  <br>"2283598"   "2647202"  <br>"2921181"   "3210536"  <br>"3331960"   "3390262"  <br>"3398272"   "3423584"  <br>"3428397"   "3471231"  <br>"3494693"   "3526459"  <br>"3598988"   "4314320"  <br>"4698730"   "4858091"  <br>"4868719"   "4882662"  <br>"4941072"   "4975814"  <br>"5001616"   "5140220"  <br>"5704709"   "5772306").PN.<br>OR ("6273596").URPN.  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/20<br>14:00 |
| S14 | 111 | ("1399973"   "1977689"  <br>"20020034012"  <br>"20020080623"  <br>"20030076034"  <br>"20040070855"  <br>"20040105171"  <br>"20040189933"  <br>"20050117125"  <br>"20050129358"   "2254961"  <br>"2362176"   "2908197"  <br>"3760237"   "3774021"  <br>"3938177"   "4192994"  <br>"4211955"   "4337759"  <br>"4342908"   "4388673"  <br>"4464707"   "4638343"  <br>"4675725"   "4698730"  <br>"4727289"   "4727457"  <br>"4920404"   "5055892"  <br>"5140220"   "5302778"  <br>"5335157"   "5404282"  <br>"5404869"   "5438453"  <br>"5452190"   "5528474"  <br>"5557471"   "5577492"  <br>"5580142"   "5608290"  <br>"5613769"   "5655830"  <br>"5655832"   "5676453"  <br>"5757557"   "5777433"  <br>"5806955"   "5813743"  <br>"5865529"   "5894195"  <br>"5894196"   "5897201"  <br>"5898267"   "5898809"  <br>"5924788"   "5926320"  <br>"5966250"   "6019493"  <br>"6030099"   "6044196"  <br>"6048083"   "6139166" | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/20<br>14:09 |

|     |      |   |                                  |    |    |                     |
|-----|------|---|----------------------------------|----|----|---------------------|
|     |      | "6166860"   "6166866"  <br>"6177761"   "6181476"  <br>"6201229"   "6268963"  <br>"6273596"   "6282821"  <br>"6301064"   "6350041"  <br>"6361190"   "6450661"  <br>"6473554"   "6483976"  <br>"6488392"   "6502964"  <br>"6504301"   "6536923"  <br>"6547400"   "6547423"  <br>"6560038"   "6578989"  <br>"6580228"   "6582103"  <br>"6598998"   "6603243"  <br>"6607286"   "6616287"  <br>"6621222"   "6637924"  <br>"6639733"   "6646813"  <br>"6647199"   "6674096"  <br>"6679621"   "6688758"  <br>"6786625"   "6796698"  <br>"6803607"   "6811277").PN.<br>OR ("7006306").URPN. |                                  |    |    |                     |
| S15 | 1650 | 362/235,236,237,244.ccls.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/20<br>14:15 |
| S16 | 30   | S15 and ("light emitting diode"<br>or "light-emitting diode") and<br>"lens array"   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/20<br>14:16 |
| S17 | 30   | ("20040041521"   "3586959"  <br>"3936686"   "4435732"  <br>"4544642"   "4734714"  <br>"5296724"   "5806955"  <br>"5150623"   "5436710"  <br>"5623510"   "5632551"  <br>"5698866"   "5715270"  <br>"5719589"   "5877899"  <br>"5910706"   "6273596"  <br>"6328456"   "6367950"  <br>"6536923"   "6708501"  <br>"6857767"   "6033087"  <br>"6118383"   "6319425"  <br>"6375340"   "6561808"  <br>"6577332"   "6930870").PN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/20<br>14:25 |
| S18 | 0    | ("2008/0084693").URPN.  | USPAT                            | OR | ON | 2008/06/20<br>14:35 |
| S19 | 18   | ("4862330"   "4935665"  <br>"4951179"   "5093768"  <br>"5241457"   "5490049"  <br>"5515253"   "5806969"  <br>"5833355").PN. OR<br>("6443594").URPN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/20<br>14:37 |

|     |     |  |                                  |    |    |                     |
|-----|-----|--|----------------------------------|----|----|---------------------|
| S20 | 290 | 362/235,236,237,244.ccls. and ("light-emitting diode" or "light emitting diode") and @ad<"20031031"  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/21<br>13:41 |
| S21 | 200 | 362/235,236,237,244.ccls. and ("light-emitting diode" or "light emitting diode") and @ad<"20031031" and lens   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/21<br>13:43 |
| S22 | 78  | ("1342894"   "1977120"   "2082100"   "2215203"   "2401171"   "3035486"   "3302517"   "3522424"   "4330813"   "4425604"   "4619508"   "4684919"   "4733335"   "4935665"   "4953937").PN. OR ("5174649").URPN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/21<br>13:45 |
| S23 | 8   | ("4729076"   "5174649"   "5343330"   "5833355"   "6257742").PN. OR ("6599002").URPN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/21<br>13:53 |
| S24 | 39  | ("1236137"   "1626615"   "1945190"   "1995816"   "2096952"   "2817070"   "3137449"   "4214168"   "4240063"   "4954822"   "5068771"   "5136287"   "5174649"   "5561346"   "5594433"   "5636057"   "5703719"   "5742120"   "5833355"   "5896093"   "D087501"   "D092641"   "D388726").PN. OR ("6244727").URPN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/21<br>14:06 |
| S25 | 58  | ("4013915"   "4298869"   "4419722"   "4507718"   "4682147"   "4868719"   "4887074"   "5040320"   "5066889"   "5388357"   "5410453"   "5416679"   "5428912"   "5459955"   "5463280"   "5526236"   "5561346"   "5593223"   "5632551"   "5655830"   "5688042"   "5726535"   "5729925"   "5742120"   "5890794"   "5939996"   "6048082"   "6158156").PN. OR ("6502956").URPN. | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/21<br>14:13 |

|     |     |  |                                  |    |    |                     |
|-----|-----|--|----------------------------------|----|----|---------------------|
| S26 | 381 | "362"/.clas. and ("light emitting diode" or "light-emitting diode") and lens and (array or cell) and (facets or faceted or facet)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/21<br>14:50 |
| S27 | 311 | "362"/.clas. and ("light emitting diode" or "light-emitting diode") and lens and (array or cell) and (facets or faceted or facet) and (flat or planar)   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/21<br>14:51 |
| S28 | 147 | "362"/.clas. and ("light emitting diode" or "light-emitting diode") and lens and (array or cell) and (facets or faceted or facet) and (flat or planar) and @ad<"20031031"  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/21<br>14:52 |
| S29 | 73  | ("1977689"   "20020034012"  <br>"20020080623"  <br>"20030076034"  <br>"20040070855"  <br>"20040105171"  <br>"20040189933"   "2254961"  <br>"4192994"   "4337759"  <br>"4342908"   "4675725"  <br>"4698730"   "4920404"  <br>"5140220"   "5302778"  <br>"5335157"   "5404282"  <br>"5404869"   "5452190"  <br>"5577492"   "5608290"  <br>"5613769"   "5655832"  <br>"5676453"   "5757557"  <br>"5777433"   "5806955"  <br>"5813743"   "5894195"  <br>"5894196"   "5897201"  <br>"5898267"   "5924788"  <br>"5926320"   "5966250"  <br>"6030099"   "6044196"  <br>"6048083"   "6166860"  <br>"6166866"   "6177761"  <br>"6181476"   "6268963"  <br>"6273596"   "6282821"  <br>"6301064"   "6450661"  <br>"6473554"   "6483976"  <br>"6536923"   "6547423"  <br>"6560038"   "6578989"  <br>"6582103"   "6598998"  <br>"6603243"   "6607286"  <br>"6616287"   "6637924"  <br>"6639733"   "6646813"  <br>"6647199"   "6674096"  <br>"6688758"). PN. OR<br>("6924943") URFN. | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/21<br>15:08 |

|     |     |  |                                  |    |    |                     |
|-----|-----|--|----------------------------------|----|----|---------------------|
| S30 | 313 | "362"/.clas. and ("light emitting diode" or "light-emitting diode") and ("lens array" or "lens cell")  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/21<br>15:13 |
| S31 | 156 | "362"/.clas. and ("light emitting diode" or "light-emitting diode") and ("lens array" or "lens cell") and @ad< "20031031"  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/21<br>15:14 |
| S32 | 624 | 313/500.ccls.  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/23<br>10:09 |
| S33 | 467 | S32 and ("light emitting diode" or "light-emitting diode" or semiconductor)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/23<br>10:09 |
| S34 | 124 | S32 and ("light emitting diode" or "light-emitting diode" or semiconductor) and lens   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/23<br>10:09 |
| S35 | 32  | ("3760237"   "3805347"   "3821775"   "4000437"   "4113347"   "4168102"   "4241277").PN. OR ("4603496").URPN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/23<br>10:28 |
| S36 | 23  | ("3876900"   "4935665"   "5101326"   "5325271"   "5585783"   "5750974").PN. OR ("5893633").URPN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/23<br>10:35 |
| S37 | 18  | ("4862330"   "4935665"   "4951179"   "5093768"   "5241457"   "5490049"   "5515253"   "5806969"   "5833355").PN. OR ("6443594").URPN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/23<br>10:56 |
| S38 | 28  | ("20020060910"   "20020093825"   "20020191396"   "20030071581"   "20030117797"   "20050174768"   "20050237740"   "2649535"   "4025777"   "4760507"   "4826269"   "5070434"   "5365415"   "5386349"   "5388035"   "5625738"   "5896093"   "5999749"   "6005704"   "6033087"   "6111705"   "6332688"   "6364506"   "6443594"   "6474839"   "6578994" | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/06/23<br>10:57 |

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
|  |  | "6953274").PN. OR<br>("7226185").URPN. |  |  |  |  |
|--|--|--|--|--|--|--|

6/23/2008 3:02:09 PM

C:\Documents and Settings\Sgramling\My Documents\EAST\Workspaces\10577514.wsp